



Practitioner's Docket No. MPI00-344P1RRCE2M

C of C
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number:	7,166,428 B2
Date of Issue:	January 23, 2007
Name of Patentee:	Rachel E. Meyers, et al.
Title of Invention:	62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

1. Transmitted herewith for this application is/are:
 - a. This Transmittal (2 pages);
 - b. Request for Certificate of Correction of Patent for PTO Mistake (2 pages);
 - c. Certificate of Correction (1 page - in duplicate);
 - d. Copy of Notice of Recordation, Recordation Form Cover Sheet, and executed Assignments (6 pages); and
 - e. Return Postcard.

STATUS	Certificate
2. Applicant is other than a small entity.	FEB 26 2007
	of Correction

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service in an envelope addressed to Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. SECTION 1.8(a)

37 C.F.R. SECTION 1.10*

with sufficient postage as first class mail.

as "Express Mail Post Office to Addressee" Mailing Label No.

TRANSMISSION

transmitted by facsimile to the Patent and Trademark Office.

Beverly Sotiropoulos
Signature

Sean Hunziker/Beverly Sotiropoulos
(type or print name of person certifying)

Date: February 16, 2007

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

Practitioner's Docket No. **MPI00-344P1RRCE2M**

FEE DEFICIENCY

3. If any additional extension and/or fee is required, charge Account No. 501668.
If any additional fee for claims is required, charge Account No. 501668.

4. Correspondence Address

Direct all future correspondence to:

Customer Number 30405

OR

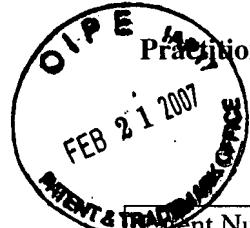
Intellectual Property Department
MILLENNIUM PHARMACEUTICALS, INC.
40 Landsdowne Street
Cambridge, MA 02139

February 16, 2007

MILLENNIUM PHARMACEUTICALS, INC.

By 

Jonathan K. Hamm, Ph.D.
Registration No. 59,608
40 Landsdowne Street
Cambridge, MA 02139
Telephone - (617) 679-7166
Facsimile - (617) 551-8820



Practitioner's Docket No. MPI00-344P1RRCE2M

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number:	7,166,428 B2
Date of Issue:	January 23, 2007
Name of Patentee:	Rachel E. Meyers, et al.
Title of Invention:	62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF

**Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. SECTION 1.322(a))**

1. On July 28, 2006, Applicants filed an amendment with request for continued examination amending subpart (iv) of claim 1 to include the phrase "in vitro". However, such change is not reflected in the issued patent.
2. Attached hereto, in duplicate, is PTO/SB/44 (also Form PTO-1050), with at least one copy being suitable for printing.
3. The exact page where the error appears is:

Column 91, Claim 1, Line 31

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service in an envelope addressed to Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. SECTION 1.10*

with sufficient postage as first class mail. as "Express Mail Post Office to Addressee" Mailing Label No.

TRANSMISSION

transmitted by facsimile to the Patent and Trademark Office.


Signature
Sean Hunziker/Beverly Sotiropoulos

(type or print name of person certifying)

Date: February 16, 2007

***WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.**

Practitioner's Docket No. MPI00-344P1RRCE2M

4. Please send the Certificate to:

Name: Customer No.: 30405
Millennium Pharmaceuticals, Inc.
Attn: Docketing Department
40 Landsdowne Street
Cambridge, MA 02139

5. Assignee: Millennium Pharmaceuticals, Inc., Cambridge, Massachusetts

Assignment recorded on

January 29, 2002 Reel 012557, Frame 0362
Copy of Assignment of the invention from Rachel E. Meyers, and
John J. Hunter to Millennium Pharmaceuticals, Inc.

Recordal of assignment attached

February 16, 2007

MILLENNIUM PHARMACEUTICALS, INC.

By 
Jonathan K. Hamm, Ph.D.
Registration No. 59,608
40 Landsdowne Street
Cambridge, MA 02139
Telephone – (617) 679-7166
Facsimile – (617) 551-8820

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,166,428 B2

DATED : January 23, 2007

INVENTOR(S) : Rachel E. Meyers, et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE CLAIMS:

In Claim 1, column 91, line 31, immediately following "cellular growth or proliferation of the cancer cells," the following phrase "in vitro" should be inserted.

PATENT NO. 7,166,428 B2

MAILING ADDRESS OF SENDER:

No. of additional copies 1

<i>Name: Customer Number 30405 Intellectual Property Department MILLENNIUM PHARMACEUTICALS, INC.</i>			
<i>Address</i>	<i>40 Lansdowne Street</i>	<i>Zip Code</i>	<i>02139</i>
<i>City</i>	<i>Cambridge</i>	<i>Fax</i>	<i>617-551-8820</i>
<i>State</i>	<i>MA</i>	<i>Telephone</i>	<i>617-679-7166</i>
<i>Name (Print/Type)</i>	<i>Jonathan K. Hamm</i>	<i>Registration No. (Attorney/Agent)</i>	<i>Reg. No. 59,608</i>
<i>Signature</i>	<i>[Signature]</i>	<i>Date</i>	<i>February 16, 2007</i>

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,166,428 B2

DATED : January 23, 2007

INVENTOR(S) : Rachel E. Meyers, et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

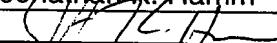
IN THE CLAIMS:

In Claim 1, column 91, line 31, immediately following "cellular growth or proliferation of the cancer cells," the following phrase "in vitro" should be inserted.

PATENT NO. 7,166,428 B2

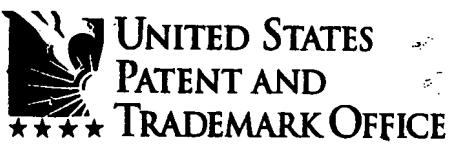
MAILING ADDRESS OF SENDER:

No. of additional copies 1

Name: Customer Number 30405 Intellectual Property Department MILLENNIUM PHARMACEUTICALS, INC.			
Address	40 Lansdowne Street	Zip Code	02139
City	Cambridge	Fax	617-551-8820
State	MA	Telephone	617-679-7166
Name (Print/Type)	Jonathan K. Hamm	Registration No. (Attorney/Agent)	Reg. No. 59,608
Signature		Date	February 16, 2007

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

COPY



REC'D MAR 7 - 6 2002

APRIL 08, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.gov

LAHIVE & COCKFIELD, LLP
AMY E. MANDRAGOURAS, ESQ.
28 STATE STREET
BOSTON, MA 02109



101980875A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/29/2002

REEL/FRAME: 012557/0362

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MEYERS, RACHEL

DOC DATE: 10/26/2001

ASSIGNOR:

HUNTER, JOHN JOSEPH

DOC DATE: 10/24/2001

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09945326

FILING DATE: 08/31/2001

PATENT NUMBER:

ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Tab settings MNI-187

101980875

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 1.) <u>Rachel Meyers</u> 2.) <u>John Joseph Hunter</u> <i>12902</i>		2. Name and address of receiving party(ies) Name: <u>Millennium Pharmaceuticals, Inc.</u> Internal Address: _____ _____ _____ Street Address: <u>75 Sidney Street</u> _____ _____ City: <u>Cambridge</u> State: <u>MA</u> ZIP: <u>02139</u>
3. Nature of conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Execution Date: <u>1. 10/26/01 2.) 10/24/01</u>		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>JAN 29 2002</u>		
A. Patent Application No.(s) <u>09/945,326</u>		B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Amy E. Mandragouras, Esq.</u> Internal Address: <u>Lahive & Cockfield, LLP</u> Street Address: <u>28 State Street</u> City: <u>Boston</u> State: <u>MA</u> ZIP: <u>02109</u>		
6. Total number of applications and patents involved: <u>1</u>		
7. Total fee (37 CFR 3.41).....\$ <u>\$40.00</u>		
<input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account		
8. Deposit account number: <u>12-0080</u>		
(Attach duplicate copy of this page if paying by deposit account)		

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Maria C. Laccotripe

Name of Person Signing

Maria C. Laccotripe

Signature

1/29/02

Date

Total number of pages including cover sheet, attachments, and document:

5

Mail documents to be recorded with required cover sheet information to:
Box Assignment, Director - U.S. Patent and Trademark Office
Washington, D.C. 20231

02/12/2002 TDI21: 00000173 09945326

01 FC:581

40.00 DP

We, Rachel Meyers of Newton, MA and John Joseph Hunter of Somerville, MA, in consideration of One Dollar and other valuable consideration paid to us by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, MA 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF

described in an application

- executed by us of even date herewith and about to be filed
- Serial No. 09/945,326, filed on August 31, 2001

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 26 day of Oct, 2001.

By: X Rachel Meyers
Rachel Meyers

State of Massachusetts)
) ss
County of Middlesex)

Then personally appeared the above named Rachel Meyers and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 26th day of October, 2001.

Ann Sherry
Notary Public ANN SHERRY
My commission expires: 4/19/07

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
John Joseph Hunter

State of Massachusetts)
) ss
County of)

Then personally appeared the above named John Joseph Hunter and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

ASSIGNMENT

We, Rachel Meyers of Newton, MA and John Joseph Hunter of Somerville, MA, in consideration of One Dollar and other valuable consideration paid to us by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, MA 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF

described in an application

- executed by us of even date herewith and about to be filed
- Serial No. 09/945,326, filed on August 31, 2001

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this _____ day of _____, 2001.

By:

Rachel Meyers

State of Massachusetts)
)
) ss
County of)

Then personally appeared the above named Rachel Meyers and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires _____

WITNESS my hand and seal this 24th day of October, 2001.

By: X John J Hunter
John Joseph Hunter

State of Massachusetts)
)
County of Middlesex) ss

Then personally appeared the above named John Joseph Hunter and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 24th day of October, 2001.

Ann Sherry
Notary Public (ANN SHERRY)
My commission expires: 4/19/07